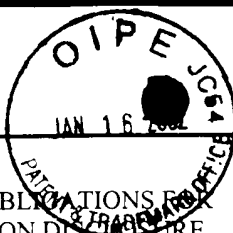
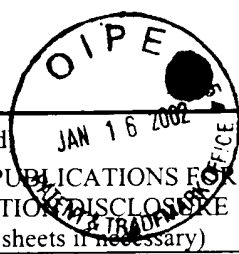


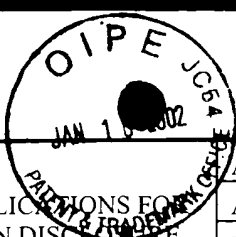
FORM PTO-1449 (Modified)			Attorney Docket No.: 18547-036750US		Application No.: 09/724,928		
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION			Applicant: Fodor et al.				
STATEMENT (Use several sheets if necessary)			Filing Date: November 28, 2000		Group: Unassigned 1631		
Reference Designation			U.S. PATENT DOCUMENTS			Page 1	
Examiner Initial	Document No.	Date	Name	Class	Sub-class	Filing Date (If Appropriate)	
AM	AA	3,730,844	5/1/73	Gilham et al.	195	103.5 R	8/27/71
	AB	3,849,137	11/19/74	Barzynski et al.	96	97	10/5/72
	AC	3,862,056	1/21/75	Hartman	252	511	12/20/72
	AD	3,939,350	2/17/78	Kronick et al.	250	365	4/29/74
	AE	4,072,576	2/7/78	Arwin et al.	195	103.5 R	9/20/76
	AF	4,121,222	10/17/78	Diebold et al.	347	7	7/6/77
	AG	4,180,739	12/25/79	Abu-Shumays	250	461 R	12/23/77
	AH	4,216,245	8/5/80	Johnson	427	2.13	7/25/78
	AI	4,238,757	12/9/80	Schenck	357	25	3/19/76
	AJ	4,269,933	5/26/81	Pazos	430	291	9/28/79
	AK	4,314,821	2/9/82	Rice	23	230 B	7/28/80
	AL	4,327,073	4/27/82	Huang	424	1	4/7/80
	AM	4,339,528	7/13/82	Goldman	430	323	5/19/81
	AN	4,342,905	8/3/82	Fujii et al.	250	201	8/21/80
	AO	4,373,071	2/8/83	Itakura	525	375	4/30/81
	AP	4,395,486	7/26/83	Wilson et al.	435	6	8/19/81
	AQ	4,405,771	9/20/83	Jagur	528	266	10/16/81
	AR	4,444,878	4/24/84	Paulus	435	7	12/21/81
	AS	4,444,892	4/24/84	Malmros	436	528	5/17/82
	AT	4,448,534	5/15/84	Wertz et al.	356	435	10/5/79
	AU	4,458,066	7/3/84	Caruthers et al.	536	27	3/24/81
	YM	4,477,556	10/16/84	Dueber et al.	430	281	8/18/82
	YN	4,478,967	10/23/84	Eian et al.	524	86	8/11/80
	AV	4,483,920	11/20/84	Gillespie et al.	435	6	5/17/82
	AW	4,500,707	2/19/85	Caruthers et al.	536	27	3/16/82
	AX	4,500,919	2/19/85	Schreiber	358	78	5/4/82
	AY	4,516,833	5/14/85	Fusek	350	162.12	12/27/82
	AZ	4,517,338	5/14/85	Urdea et al.	525	54.11	7/13/84
	BA	4,533,682	8/6/85	Tortorello et al.	523	414	4/29/83
	BB	4,537,861	8/27/85	Elings et al.	436	518	2/3/83
	BC	4,542,102	9/17/85	Dattagupta et al.	435	6	7/5/83
	BD	4,555,490	11/26/85	Merril	436	86	6/8/84
	BE	4,556,643	12/3/85	Paau et al.	435	5	2/1/83
	BF	4,562,157	12/31/85	Lowe et al.	435	291	5/25/84
	BG	4,563,419	1/7/86	Ranki et al.	435	6	12/29/83
	BH	4,569,967	2/11/86	Kornreich et al.	525	54.11	10/24/83



FORM PTO-1449 (Modified)				Attorney Docket No.: 18547-036750US		Application No.: 09/724,928	
LIST OF PATENTS AND PUBLICATIONS FOR DISCLOSURE				Applicant: Fodor et al.			
APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Filing Date: November 28, 2000		Group: Unassigned 1631	
AM	BI	4,580,895	4/8/86	Patel	356	39	10/28/83
	BJ	4,584,277	4/22/86	Ullman	436	501	4/5/83
	BK	4,588,682	5/13/86	Groet et al.	435	6	12/13/82
	BL	4,591,570	5/27/86	Chang	435	7.24	2/2/83
	BM	4,598,049	7/1/86	Zelinka et al.	422	116	8/31/83
	BN	4,613,566	9/23/86	Potter	435	6	1/23/84
	BO	4,624,915	11/25/86	Schindler et al.	435	4	7/14/83
	BP	4,626,684	12/2/86	Landa	250	328	7/13/83
	BQ	4,631,211	12/23/86	Houghten	428	35	3/25/85
	BR	4,637,861	1/20/87	Krull et al.	204	1 T	12/16/85
	BS	4,656,127	4/7/87	Mundy	435	6	4/23/84
	BT	4,670,380	6/2/87	Dattagupta	435	6	5/23/84
	BU	4,677,054	6/30/87	White et al.	435	6	8/8/83
	BV	4,681,859	7/21/87	Kramer	436	501	9/21/84
	BW	4,683,195	7/28/87	Mullis et al.	435	6	2/7/86
	BX	4,683,202	7/28/87	Mullis	435	91	10/25/85
	BY	4,689,405	8/25/87	Frank et al.	536	27	1/4/84
	BZ	4,704,353	11/3/87	Humphries et al.	435	4	4/27/84
	CA	4,711,955	12/8/87	Ward et al.	536	29	5/23/83
	CB	4,713,326	12/15/87	Dattagupta et al.	435	6	5/18/84
	CC	4,713,347	12/15/87	Mitchell et al.	436	501	1/14/85
	CD	4,715,413	12/29/87	Backlund et al.	141	94	10/8/86
	YO	4,715,929	12/29/87	Ogawa	156	643	7/15/86
	CE	4,716,106	12/29/87	Chiswell	435	6	2/28/85
	CF	4,719,179	1/12/88	Barany	435	172.1	11/30/84
	CG	4,719,615	1/12/88	Feyrer et al.	369	284	3/4/86
	CH	4,722,906	2/2/88	Guire	436	501	9/29/82
	CI	4,728,502	3/1/88	Hamill	422	116	4/26/85
	CJ	4,728,591	3/1/88	Clark et al.	430	5	3/7/86
	CK	4,731,325	3/15/88	Palva et al.	435	6	1/24/85
	CL	4,737,344	4/12/88	Koizumi et al.	422	100	4/22/87
	CM	4,755,458	7/5/88	Rabbani et al.	435	5	8/30/84
	YU	4,758,727	7/19/88	Tomei et al.	250	458.1	2/12/86
	CN	4,762,881	8/9/88	Kauer	525	54.11	1/9/87
	CO	4,766,062	8/23/88	Diamond et al.	435	6	5/7/84
	CP	4,767,700	8/30/88	Wallace	435	6	2/15/85
	CQ	4,777,019	10/11/88	Dandekar	422	68	4/11/86
	CR	4,780,504	10/25/88	Buendia et al.	525	54.11	6/5/86



FORM PTO-1449 (Modified)				Attorney Docket No.: 18547-036750US		Application No.: 09/724,928	
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION & DISCLOSURE STATEMENT (Use several sheets if necessary)				Applicant: Fodor et al.			
				Filing Date: November 28, 2000		Group: Unassigned 1631	
16 CS	4,786,170	11/22/88	Groeblor	356	318	5/13/86	
CT	4,786,684	11/22/88	Glass	525	54.1	8/21/86	
CU	4,794,150	12/27/88	Steel	525	54.11	3/11/87	
CV	4,808,508	2/28/89	Platzer	430	143	7/1/86	
CW	4,810,869	3/7/89	Yabe et al.	250	201	12/23/87	
CX	4,811,062	3/7/89	Tabata et al.	356	152	7/1/88	
CY	4,811,218	3/7/89	Hunkapiller et al.	204	461	6/2/86	
CZ	4,812,512	3/14/89	Buendia et al.	525	54.11	6/26/86	
DA	4,820,630	4/11/89	Taub	435	5	11/23/84	
DB	4,822,566	4/18/89	Newman	422	68	5/18/87	
DC	4,833,092	5/23/89	Geysen	436	501	12/22/86	
DD	4,844,617	7/4/89	Kelderman et al.	356	372	1/20/88	
DE	4,846,552	7/11/89	Veldkamp et al.	350	162.2	2/9/88	
DF	4,849,513	7/18/89	Smith et al.	536	27	6/24/86	
DG	4,855,225	8/8/89	Fung et al.	435	6	2/7/86	
DH	4,865,990	9/12/89	Stead et al.	435	803	7/9/87	
DI	4,868,103	9/19/89	Stavrianopoulos et al.	435	5	2/19/86	
DJ	4,874,500	10/17/89	Madou et al.	204	412	7/15/87	
DK	4,877,745	10/31/89	Hayes et al.	436	166	3/14/89	
DL	4,886,741	12/12/89	Schwartz	435	5	12/9/87	
DM	4,888,278	12/19/89	Singer et al.	435	6	10/13/88	
DN	4,921,805	5/1/90	Gebeyehu et al.	435	270	9/29/89	
DO	4,923,901	5/8/90	Koester et al.	521	53	9/4/87	
DP	4,925,785	5/15/90	Wang et al.	435	6	3/7/86	
DQ	4,931,384	6/5/90	Layton et al.	435	7.31	10/17/84	
DR	4,946,942	8/7/90	Fuller et al.	530	335	3/11/88	
DS	4,965,188	10/23/90	Mullis et al.	435	6	6/17/87	
DT	4,973,493	11/27/90	Guire	427	2	10/15/87	
DU	4,979,959	12/25/90	Guire	623	66	5/5/89	
DV	4,981,783	1/1/91	Augenlicht	435	6	4/16/86	
DW	4,981,985	1/1/91	Kaplan et al.	556	50	10/20/87	
DX	4,984,100	1/8/91	Takayama et al.	360	49	7/14/89	
DY	4,987,065	1/22/91	Stavrianopoulos et al.	435	5	12/2/85	
DZ	4,988,617	1/29/91	Landegren et al.	435	6	3/25/88	
EA	4,992,383	2/12/91	Farnsworth	436	89	8/5/88	
EB	4,994,373	2/19/91	Stavrianopoulos et al.	435	6	7/20/89	
EC	5,002,867	3/26/91	Macevicz	435	6	10/24/88	
ED	5,006,464	4/9/91	Chu et al.	435	7.1	10/1/87	



FORM PTO-1449 (Modified)				Attorney Docket No.: 18547-036750US		Application No.: 09/724,928	
LIST OF PATENTS AND PUBLICATIONS FOR				Applicant: Fodor et al.			
APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Filing Date: November 28, 2000		Group: <u>Unassigned</u> 1631	
<u>DM</u> EE	5,011,770	4/30/91	Kung et al.	435	6	7/24/90	
EF	5,013,669	5/7/91	Peters, Jr. et al.	436	518	6/1/88	
EG	5,021,550	6/4/91	Zeiger	530	334	9/11/90	
EH	5,026,773	6/25/91	Steel	525	54.11	12/5/88	
EI	5,026,840	6/25/91	Dattagupta et al.	536	27	2/6/90	
EJ	5,028,525	7/2/91	Gray et al.	435	6	6/26/90	
EK	5,028,545	7/2/91	Soini	436	501	6/9/88	
EL	5,037,882	8/6/91	Steel	525	54.11	12/23/88	
EM	5,043,265	8/27/91	Tanke et al.	435	6	3/26/87	
EN	5,047,524	9/10/91	Andrus et al.	536	27	12/21/88	
EO	5,064,754	11/12/91	Mills	435	6	11/13/87	
EP	5,077,085	12/31/91	Schnur et al.	427	98	3/6/87	
EQ	5,077,210	12/31/91	Eigler et al.	435	176	1/13/89	
ER	5,079,600	1/7/92	Schnur et al.	357	4	4/14/88	
ES	5,081,584	1/14/92	Omichinski et al.	364	497	3/13/89	
ET	5,082,830	1/21/92	Brakel at al.	514	44	2/26/88	
EU	5,091,652	2/25/92	Mathies et al.	250	458.1	6/1/90	
EV	5,096,807	3/17/92	Leaback	435	6	12/1/89	
EW	5,100,626	3/31/92	Levin	422	100	5/24/90	
EX	5,100,777	3/31/92	Chang	435	7.24	4/27/87	
EY	5,112,962	5/12/92	Letsinger et al.	536	27	11/9/90	
EZ	5,141,813	8/25/92	Nelson	428	402	8/28/89	
FA	5,143,854	9/1/92	Pirrung et al.	436	518	3/7/90	
FB	5,149,625	9/22/92	Church et al.	435	6	3/28/90	
FC	5,153,319	10/6/92	Caruthers et al.	536	27	3/31/86	
FD	5,164,319	11/17/92	Hafeman et al.	435	287.1	11/17/89	
FE	5,171,695	12/15/92	Ekins	436	501	2/3/89	
FF	5,188,963	2/23/93	Stapleton	435	288.3	11/17/89	
FG	5,192,980	3/9/93	Dixon et al.	356	326	6/26/91	
FH	5,200,051	4/6/93	Cozzette et al.	204	403	11/7/89	
FI	5,202,231	4/13/93	Drmanac et al.	435	6	6/18/91	
FJ	5,206,137	4/27/93	Ip et al.	435	6	11/21/91	
FK	5,215,882	6/1/93	Bahl et al.	435	6	11/30/89	
FL	5,215,889	6/1/93	Schultz	435	41	9/8/89	
FM	5,219,726	6/15/93	Evans	435	6	6/2/89	
FN	5,225,326	7/6/93	Bresser et al.	435	6	10/28/91	
FO	5,232,829	8/3/93	Longiaru et al.	435	6	9/29/89	
FP	5,235,028	8/10/93	Barany et al.	528	335	9/16/91	

FORM PTO-1449 (Modified)

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT (Use several sheets if necessary)

Attorney Docket No.: 18547-036750US

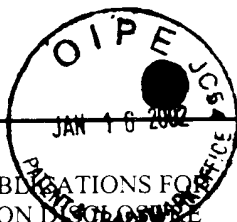
Application No.: 09/724,928

Applicant: Fodor et al.

Filing Date: November 28, 2000

Group: Unassigned 1631

AM FQ	5,242,974	9/7/93	Holmes	525	54.11	11/22/91
FR	5,252,743	10/12/93	Barrett et al.	548	303.7	11/13/90
FS	5,256,549	10/26/93	Urdea et al.	435	91	4/27/90
FT	5,258,506	11/2/93	Urdea et al.	536	23.1	8/25/89
FU	5,306,641	4/26/94	Saccocio	436	85	8/12/91
FV	5,310,893	5/10/94	Erlich et al.	536	24.31	5/4/89
FW	5,324,633	6/28/94	Fodor et al.	435	6	11/22/91
FX	5,328,824	7/12/94	Ward et al.	435	6	12/8/87
FY	5,348,855	9/20/94	Dattagupta et al.	435	6	10/4/91
FZ	5,384,261	1/24/95	Winkler et al.	436	518	11/22/91
GA	5,405,783	4/11/95	Pirrung et al.	436	518	3/12/92
GB	5,424,186	6/13/95	Fodor et al.	435	6	12/6/91
GC	5,424,188	6/13/95	Schneider et al.	435	6	10/20/92
GD	5,432,099	6/11/95	Ekins	436	518	12/1/92
GE	5,436,327	7/25/95	Southern et al.	536	25.34	3/20/91
GF	5,445,934	8/29/95	Fodor et al.	435	6	9/30/92
GG	5,447,841	9/5/95	Gray et al.	435	6	12/14/90
GH	5,474,796	12/12/95	Brennan	427	2.13	5/27/93
GI	5,486,452	1/23/96	Gordon et al.	435	5	4/10/87
GJ	5,489,507	2/6/96	Chehab	435	6	5/1/91
GK	5,489,678	2/6/96	Fodor et al.	536	22.1	2/16/95
GL	5,492,806	2/20/96	Drmanac et al.	435	5	4/12/93
GM	5,494,810	2/27/96	Barany et al.	435	91.52	11/22/94
GN	5,510,270	4/23/96	Fodor et al.	436	518	9/30/92
GO	5,525,464	6/11/96	Drmanac et al.	435	6	2/28/94
GP	5,527,681	6/18/96	Holmes	435	6	11/5/92
GQ	5,552,270	9/3/96	Khrapko et al.	435	6	11/9/92
GR	5,556,961	9/17/96	Foote et al.	536	27.1	10/24/94
GS	5,561,071	10/1/96	Hollenberg et al.	437	1	9/25/95
GT	5,569,584	10/29/96	Augenlicht	435	6	3/14/94
GU	5,571,639	11/5/96	Hubbell et al.	430	5	5/24/94
GV	5,593,839	1/14/97	Hubbell et al.	435	6	6/2/95
GW	5,599,720	2/4/97	Ekins	436	501	6/17/94
GX	5,604,099	2/18/97	Erlich et al.	435	6	6/1/95
GY	5,643,728	7/1/97	Slater et al.	435	6	2/27/95
GZ	5,653,939	8/5/97	Hollis et al.	422	50	8/7/95
HA	5,667,667	9/16/97	Southern	205	687	7/18/96
HB	5,667,972	9/16/97	Drmanac et al.	435	6	6/5/95

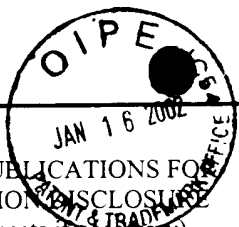


FORM PTO-1449 (Modified)	Attorney Docket No.: 18547-036750US	Application No.: 09/724,928
LIST OF PATENTS AND PUBLICATIONS FOR	Applicant: Fodor et al.	
APPLICANT'S INFORMATION	Filing Date: November 28, 2000	Group: Unassigned 1631
STATEMENT (Use several sheets if necessary)		

AM HC	5,695,940	12/9/97	Drmanac et al.	435	6	6/5/95
HD	5,698,393	12/16/97	Macioszek et al.	435	5	8/18/95
HE	5,700,637	12/23/97	Southern	435	6	4/19/94
HF	5,707,806	1/13/98	Shuber	435	6	6/7/95
HG	5,744,305	4/28/98	Fodor et al.	435	6	6/6/95
HH	5,776,737	7/7/98	Dunn	435	91.1	12/22/94
HI	5,777,888	7/7/98	Rine et al.	364	496	8/9/95
HJ	5,800,992	9/1/98	Fodor et al.	435	6	6/25/96
HK	5,807,522	9/15/98	Brown et al.	422	50	6/7/95
HL	5,830,645	11/3/98	Pinkel et al.	435	6	12/9/94
HM	5,843,767	12/1/98	Beattie	435	287.1	4/10/96
HN	5,846,708	12/8/98	Hollis et al.	435	6	4/23/92
HO	5,869,237	2/9/99	Ward et al.	435	6	11/22/94
HP	5,871,697	2/16/99	Rothberg et al.	422	68.1	10/24/95
HQ	5,972,619	10/26/99	Drmanac et al.	435	6	10/22/98
HR	6,018,041	1/25/00	Drmanac et al.	536	24.3	7/29/97
HS	6,025,136	2/15/00	Drmanac et al.	435	6	8/28/97
HT	6,040,166	3/21/00	Erlich et al.	435	194	9/27/94
HU	6,054,270	4/25/00	Southern	435	6	9/9/97

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub-class	Translation (Yes/No)
AM HV	EP 046 083	2/17/82	Europe			
YX	EP 046 430	2/24/82	Europe ✓			
HW	EP 063 810	3/5/86	Europe			
HX	EP 088 636	9/14/83	Europe			
HY	EP 103 197	3/21/84	Europe			
HZ	EP 127 438	12/5/84	Europe			
IA	EP 130 523	6/1/88	Europe			
IB	EP 142 299	12/19/90	Europe			
IC	EP 171 150	3/25/92	Europe			
ID	EP 173 339	1/22/92	Europe			
IE	EP 174 879	3/19/86	Europe			Yes
IF	EP 185 547	6/3/92	Europe			
IG	EP 194 132	9/10/86	Europe			
IH	EP 225 807	10/19/94	Europe			
II	EP 228 075	7.8.87	Europe			
IJ	EP 228 310	10/26/88	Europe			



FORM PTO-1449 (Modified)

Attorney Docket No.: 18547-036750US

Application No.: 09/724,928

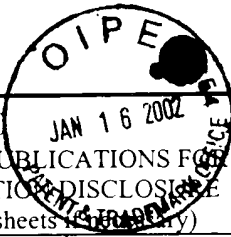
LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION & DISCLOSURE
STATEMENT (Use several sheets if necessary)

Applicant: Fodor et al.

Filing Date: November 28, 2000

Group: ~~Unassigned~~ 1631

Am IK	EP 232 967	4/28/93	Europe			
YP	EP 233 403 ✓	8/26/87	Europe			
IL	EP 235 726	5/19/93	Europe			
IM	EP 237 362	3/11/92	Europe			
IN	EP 245 662	11/19/87	Europe			
IO	EP 260 634	6/10/92	Europe			
YY	EP 266 881	5/11/88 ✓	Europe			
IP	EP 268 237	5/28/88	Europe			
IQ	EP 281 927	9/14/88	Europe			
IR	EP 288 310	10/26/88	Europe			
IS	EP 304 202	2/22/89	Europe			
IT	EP 307 476	3/22/89	Europe			
IU	EP 319 012	6/7/89	Europe			
IV	EP 328 256	8/16/89	Europe			
IW	EP 333 561	9/20/89	Europe			
IX	EP 337 498	10/18/89	Europe			
IY	EP 373 203	6/20/90	Europe			
IZ	EP 386 229	4/5/90	Europe			
JA	EP 392 546	10/17/90	Europe			
YQ	EP 400 920	12/5/90 ✓	Europe			
JB	EP 476 014	8/31/94	Europe			
JC	EP 535 242	9/3/97	Europe			
JD	EP 619 321	1/7/99	Europe			
JE	EP 717 113	6/19/96	Europe			
JF	EP 721 016	7/10/96	Europe			
JG	EP 848 067	6/17/98	Europe			
JH	WO 84/03151	8/16/84	WIPO			
JI	WO 84/03564	9/13/84	WIPO			
JJ	WO 85/01051	3/14/85	WIPO			
JK	WO 86/00991	2/13/86	WIPO			
JL	WO 86/06487	11/6/86	WIPO			
YR	WO 87/05942	10/8/87 ✓	WIPO			
JM	WO 88/04777	6/30/88	WIPO			
JN	WO 88/01302	6/3/93	WIPO			
JO	WO 88/01058	2/11/88	WIPO			
JP	WO 89/05616	6/29/89	WIPO			
JQ	WO 89/08834	9/21/89	WIPO			
JR	WO 89/10977	11/16/89	WIPO			



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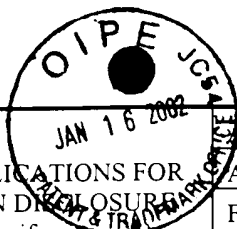
FORM PTO-1449 (Modified)			Attorney Docket No.: 18547-036750US	Application No.: 09/724,928	
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION & DISCLOSURE STATEMENT (Use several sheets if necessary)			Applicant: Fodor et al.		
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AM JS	WO 89/11548	11/30/89	WIPO		
JT	WO 89/12819	12/28/89	WIPO		
JU	WO 90/00626	1/25/90	WIPO		
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JY	WO 90/05789	5/31/90	WIPO		
JZ	WO 90/07582	7/12/90	WIPO		
KA	WO 90/15070	2/13/90	WIPO		
KB	WO 91/00868	1/24/91	WIPO		
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KD	WO 91/07087	5/30/91	WIPO		
KE	WO 92/10588	6/25/92	WIPO		
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KH	WO 93/02992	2/3/93	WIPO		
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KK	WO 93/17126	9/2/93	WIPO		
KL	WO 93/22456	11/11/93	WIPO		
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KN	WO 95/00530	1/5/95	WIPO		
KO	WO 95/11995	5/4/95	WIPO		
KP	WO 95/33846	12/14/95	WIPO		
KQ	WO 96/23078	8/1/96	WIPO		
KR	WO 97/10365	3/20/97	WIPO		
KS	WO 97/17317	5/15/97	WIPO		
KT	WO 97/19410	5/29/97	WIPO		
KU	WO 97/27317	7/13/97	WIPO		
KV	WO 97/29212	8/14/97	WIPO		
KW	WO 97/31256	8/28/97	WIPO		
KX	WO 97/45559	12/4/97	WIPO		
KY	WO 98/03673	1/29/98	WIPO		
KZ	WO 98/31836	7/23/98	WIPO		
LA	CA 1284931	6/18/91	Canada		
LB	GB 8810400.5 (priority for WO 89/10977)	5/3/88 (not a date of publication)	Great Britain		
AM LC	GB 2156074	3/15/88	Great Britain		

FORM PTO-1449 (Modified)		Attorney Docket No.: 18547-036750US	Application No.: 09/724,928
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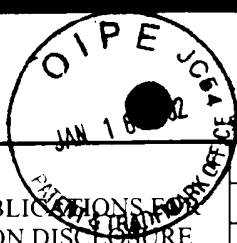
MD	Ajayaghosh et al., "Polymer-Supported Synthesis of Protected Peptide Segments on a Photosensitive o-Nitro (α -Methyl)Bromobenzyl Resin," <i>Tetrahedron</i> , 44(21):6661-6666 (1988)
ME	Amit et al., "Photosensitive Protecting Groups of Amino Sugars and Their Use in Glycoside Synthesis. 2-Nitrobenzyloxycarbonylamino and 6-Nitroveratryloxycarbonylamino Derivatives," <i>J.Org.Chem.</i> , 39(2):192-196 (1974)
MF	Amit et al., "Photosensitive Protecting Groups - A Review," <i>Israel J. Chem.</i> , 12(1-2):103-113 (1974)
MG	Anand et al., "A 3.5 genome equivalent multi access YAC library: construction, characterisation, screening and storage," <i>Nuc. Acids Res.</i> , 18(8):1951-1956 (1990).
MH	Anderson et al., "Quantitative Filter Hybridisation," chapter 3 from <i>Nucleic Acid Hybridization a practical approach</i> , pgs. 73-111, Hames et al., eds., IRL Press (1985).
MI	Applied Biosystems, Model 431A Peptide Synthesizer User's manual, Sections 2 and 6, (8/15/89)
MJ	Arnold et al., "A Novel Universal Support for DNA & RNA Synthesis," abstract from <i>Federation Proceedings</i> , 43(7): abstract no. 3669 (1984)
MK	Atherton et al., <i>Solid Phase Peptide Synthesis: A Practical Approach</i> , IRL Press, (1989), tbl. of cont., pp. vii-ix
ML	Augenlicht et al., "Cloning and Screening of Sequences Expressed in a Mouse Colon Tumor," <i>Cancer Research</i> , 42:1088-1093 (1982)
MM	Augenlicht et al., "Expression of Cloned Sequences in Biopsies of Human Colonic Tissue and in Colonic Carcinoma Cells Induced to Differentiate <i>in Vitro</i> ," <i>Cancer Res.</i> , 47:6017-6021 (1987)
MN	Bains, W., "Hybridization Methods for DNA Sequencing," <i>Genomics</i> , 11(2):294-301 (1991)
MO	Bains et al., "A Novel Method for Nucleic Acid Sequence Determination," <i>J.Theor.Biol.</i> , 135:303-307 (1988)
MP	Bains, W., "Alternative Routes Through the Genome," <i>Biotechnology</i> , 8:1251-1256 (1988)
MQ	Balachander et al., "Functionalized Siloxy-Anchored Monolayers with Exposed Amino, Azido, Bromo, or Cyano Groups," <i>Tetrahed. Ltrs.</i> , 29(44):5593-5594 (1988)
MR	Baldwin et al., "New Photolabile Phosphate Protecting Groups," <i>Tetrahed.</i> , 46(19):6879-6884 (1990)
YV	Ballard et al., "Imaging Genes, Chromosomes and Nuclear Structures Using Laser-Scanning Confocal Microscopy," SPIE, Bioimaging and Two-Dimensional Spectroscopy, 1205:1-10, conference held 1/18-19/90, Los Angeles, CA., abstract also included (1990).
MS	Bannwarth et al., "Laboratory Methods, A System for the Simultaneous Chemical synthesis of Different DNA Fragments on Solid Support," <i>DNA</i> , 5(5):413-419 (1986).
MT	Bannwarth, W., "Gene Technology: a Challenge for a Chemist," <i>CHIMIA</i> , 41(9):302-317 (1987).
MU	Barany, F., "Genetic disease detection and DNA amplification using cloned thermostable ligase," <i>PNAS</i> , 88:189-193 (1991).
MV	Barltrop et al., "Photosensitive Protective Groups," <i>Chemical Communications</i> , pgs. 822-823 (1966)
MW	Barinaga, M., "Will 'DNA Chip' Speed Genome Initiative," <i>Science</i> , 253:1489 (1985)
MX	Bart et al., "Microfabricated Electrohydrodynamic Pumps," <i>Sensors and Actuators</i> , A21-A23:193-197 (1990)
MY	Bartsh et al., "Cloning of mRNA sequences from the human colon: Preliminary characterisation of defined mRNAs in normal and neoplastic tissues," <i>Br.J.Can.</i> , 54:791-798 (1986)
MZ	Baum, R., "Fledgling firm targets drug discovery process," <i>Chem. Eng. News</i> , p. 10-11 (1990)
NA	Beltz et al., "Isolation of Multigene Families and Determination of Homologies by Filter Hybridization Methods," <i>Methods in Enzymology</i> , 100:266-285 (1983)
NB	Benschop, <i>Chem. Abstracts</i> 114(26):256643 (1991)
NC	Bhatia et al., "New Approach To Producing Patterned Biomolecular Assemblies," <i>J. American Chemical Society</i> , 114:4432-4433 (1992)
ND	Biorad Chromatography Electrophoresis Immunochemistry Molecular Biology HPLC catalog M 1987 pp. 182

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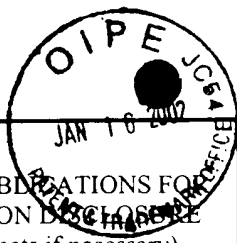
IM	NE	Blawas et al., "Step-and-Repeat Photopatterning of Protein Features Using Caged-Biotin-BSA: Characterization and Resolution," <u>Langmuir</u> , 14(15):4243-4250 (1998)
	NF	Blawas, A.S., "Photopatterning of Protein Features using Caged-biotin-Bovine Serum Albumin," dissertation for Ph.D at Duke University in 1998
	NG	Bos et al., "Amino-acid substitutions at codon 13 of the N-ras oncogene in human acute myeloid leukaemia," <u>Nature</u> , 315:726-730 (1985)
	NH	Boyle et al., "Differential distribution of long and short interspersed element sequences in the mouse genome: Chromosome karyotyping by fluorescence <i>in situ</i> hybridization," <u>PNAS</u> , 87:7757-7761 (1990)
	NI	Brock et al., "Rapid fluorescence detection of <i>in situ</i> hybridization with biotinylated bovine herpesvirus-1 DNA probes," <u>J. Veterinary Diagnostic Invest.</u> , 1:34-38 (1989)
	NJ	Burgi et al., "Optimization in Sample Stacking for High-Performance Capillary Electrophoresis," <u>Anal. Chem.</u> , 63:2042-2047 (1991)
	YW	Burns et al., "Scanning Silt Aperture Confocal Microscopy for Three-Dimensional Imaging," <u>Scanning</u> , 12:156-160 (1990).
	NK	Cameron et al., "Photogeneration of Organic Bases from o-Nitrobenzyl-Derived Carbamates," <u>J. Am. Chem. Soc.</u> , 113:4303-4313 (1991)
	NL	Carrano et al., "A High-Resolution, Fluorescence-Based, Semiautomated Method for DNA Fingerprinting," <u>Genomics</u> , 4:129-136 (1989)
	NM	Caruthers, M.H., "Gene Synthesis Machines: DNA Chemistry and Its Uses," <u>Science</u> , 230:281-285 (1985)
	NN	Chatterjee et al., "Inducible Alkylation of DNA Using an Oligonucleotide-Quinone Conjugate," <u>Am. J. Chem. Soc.</u> , 112:6397-6399 (1990)
	NO	Chee et al., "Accessing Genetic Information with High-Density DNA Arrays," <u>Science</u> , 274:610-614 (1996)
	NP	Chehab et al., "Detection of sickle cell anaemia mutation by colour DNA amplification," <u>Lancet</u> , 335:15-17 (1990)
	NQ	Chehab et al., "Detection of specific DNA sequences by fluorescence amplification: A color complementation assay," <u>PNAS</u> , 86:9178-9182 (1989)
	NR	Chetverin et al., "Oligonucleotide Arrays: New Concepts and Possibilities," <u>Biotechnology</u> , 12:1093-1099 (1994).
	NS	Church et al., "Multiplex DNA sequencing," <u>Science</u> , 240:185-188 (1988).
↓	NT	Church et al., "Genomic sequencing," <u>PNAS</u> , 81:1991-1995 (1984).
	NU	Clevite Corp., Piezoelectric Technology, Data for Engineers (No date of publication)
AM	NV	Corbett et al., "Reaction of Nitroso Aromatics with Glyoxylic Acid. A New Path to Hydroxamic Acids," <u>J. Org. Chem.</u> , 45:2834-2839 (1980)
	NW	Coulson et al., "Toward a physical map of the genome of the nematode <i>Caenorhabditis elegans</i> ," <u>PNAS</u> , 83:7821-7825 (1986).
	NX	Craig et al., "Ordering of cosmid clones covering the Herpes simplex virus type 1 (HSV-1) genome: a test case for fingerprinting by hybridization," <u>Nuc. Acid. Res.</u> , 18(9):2653-2660 (1990)
	NY	Cummings et al., "Photoactivable Fluorophores. 1. Synthesis and Photoactivation of o-Nitrobenzyl-Quenched Fluorescent Carbamates," <u>Tetrahedron Letters</u> , 29(1):65-68 (1988)
	NZ	Dattagupta et al., "Rapid identification of Microorganisms by Nucleic Acid Hybridization after Labeling the Test Sample," <u>Anal. Biochem.</u> , 177:85-89 (1989).
	OA	Dattagupta et al., "Nucleic Acid Hybridization: a Rapid Method for the Diagnosis of Infectious Diseases," <u>Perspectives in Antiinfective Therapy</u> , eds. Jackson et al., pages 241-247 (1988).
	OB	Dower et al., "The Search for Molecular Diversity (II): Recombinant and Synthetic Randomized Peptide Libraries," <u>Ann. Rep. Med. Chem.</u> , 26:271-280 (1991).
	OC	Diggelmann, "Investigating the VLSIPS synthesis process," 9/9/94
↓	OD	Di Mauro et al., "DNA Technology in Chip Construction," <u>Adv. Mater.</u> , 5(5):384-386 (1993)



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STATEMENT (Use several sheets if necessary)			
AM	OE	Drmanac et al., "An Algorithm for the DNA Sequence Generation from k-Tuple Word Contents of the Minimal Number of Random Fragments," <i>J. Biomol. Struct. Dyn.</i> , 8(5):1085-1102 (1991).	
	OF	Drmanac et al., "Partial Sequencing by Oligo-Hybridization Concept and Applications in Genome Analysis," 1st Int. Conf. Electrophor., Supercomp., Hum. Genome pgs. 60-74 (1990)	
	OG	Drmanac et al., "Sequencing by Oligonucleotide Hybridization: A Promising Framework in Decoding of the Genome Program?," 1st Int. Conf. Electrophor., Supercomp., Hum. Genome pgs. 47-59 (1990)	
	OH	Drmanac et al., "Laboratory Methods, Reliable Hybridization of Oligonucleotides as Short as Six Nucleotides," <i>DNA and Cell Biol.</i> , 9(7):527-534 (1990)	
	OI	Drmanac et al., "Sequencing of Megabase Plus DNA by Hybridization: theory of the Method," <i>Genomics</i> , 4:114-128 (1989)	
	OJ	Dramanac et al., "Sequencing of Megabase Plus DNA by Hybridization: Theory of the Method," abstract of presentation given at Cold Spring Harbor Symposium on Genome Mapping and Sequencing, 4/27/88 thru 5/1/88	
	OK	Dulcey et al., "Deep UV Photochemistry of Chemisorbed Monolayers: Patterned Coplanar Molecular Assemblies," <i>Science</i> , 252:551-554 (1991)	
	OL	Duncan et al., "Affinity Chromatography of a Sequence-Specific DNA Binding Protein Using Teflon-Linked Oligonucleotides," <i>Analytical Biochemistry</i> , 169:104-108 (1988)	
	OM	Effenhauser et al., "Glass Chips for High-speed Capillary Electrophoresis Separations with Submicrometer Plate Heights," <i>Anal. Chem.</i> , 65:2637-2642 (1993)	
	ON	Effenhauser et al., "High-Speed Separation of Antisense Oligonucleotides on a Micromachined Capillary Electrophoresis Device," <i>Anal. Chem.</i> , 66:2949-2953 (1994)	
	OO	Ekins et al., "High Specific Activity Chemiluminescent and Fluorescent Markers: their Potential Application to High Sensitivity and 'Multi-analyte' Immunoassays," <i>J. Bioluminescence Chemiluminescence</i> , 4:59-78 (1989)	
	OP	Ekins et al., "Development of Microspot Multi-Analyte Ratiometric Immunoassay Using dual Fluorescent-Labelled Antibodies," <i>Anal. Chemica Acta</i> , 227:73-96 (1989)	
	OQ	Ekins et al., "Multianalyte Microspot Immunoassay-Microanalytical 'Compact Disk' of the Future," <i>Clin. Chem.</i> , 37(11):1955-1967 (1991)	
	OR	Ekins, R.P., "Multi-Analyte immunoassay*," <i>J. Pharmaceut. Biomedical Analysis</i> , 7(2):155-168 (1989)	
	OS	Ekins et al., "Fluorescence Spectroscopy and its Application to a New Generation of High Sensitivity, Multi-Microspot, Multianalyte, Immunoassay," <i>Clin. Chim. Acta</i> , 194:91-114 (1990)	
	OT	Elder, J.K., "Analysis of DNA Oligonucleotide Hybridization Data by Maximum Entropy," in <i>Maximum Entropy and Bayesian Methods</i> , eds. Mohammad-Djafari and Demoment, Kluwer, Dordrecht, pp. 363-371 (1992).	
	OU	Ellis, R.W., "The Applications of Synthetic Oligonucleotides to Molecular Biology," <i>Pharmaceutical Research</i> , 3(4):195-207 (1986).	
	OV	Evans et al., "Microfabrication for Automation of Molecular processes in Human Genome Analysis," <i>Clin. Chem.</i> , 41(11):1681 (1995)	
	OW	Evans et al., "Physical mapping of complex genomes by cosmid multiplex analysis," <i>PNAS</i> , 86:5030-5034 (1989)	
	OX	Ezaki et al., "Small-Scale DNA Preparation for Rapid Genetic Identification of <i>Campylobacter</i> Species without Radioisotope," <i>Microbiol. Immunology</i> , 32(2):141-150 (1988)	
	OY	Fan et al., "Mapping small DNA sequences by fluorescence <i>in situ</i> hybridization directly on banded metaphase chromosomes," <i>PNAS</i> , 87(16):6223-6227 (1990)	
	OZ	Fan et al., "Micromachining of Capillary Electrophoresis Injectors and Separators on Glass Chips and Evaluation of Flow at Capillary Intersections," <i>Anal. Chem.</i> , 66:177-184 (1994)	
	PA	Feinberg et al., ADDENDUM to "A technique for Radiolabeling DNA Restriction Endonuclease Fragments to High Specific Activity," <i>Anal. Biochem.</i> , 137:266-267 (1984).	
	PB	Fettingner et al., "Stacked modules for micro flow systems in chemical analysis: concept and studies using an enlarged model," <i>Sensors and Actuators</i> , B17:19-25 (1993)	
✓	PC	Flanders et al., "A new interferometric alignment technique," <i>App. Phys. Ltrs.</i> , 31(7):426-429 (1977)	

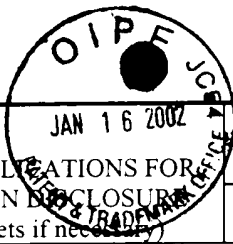


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STATEMENT (Use several sheets if necessary)			
<u>DM</u> PD	Fodor et al., "Multiplexed biochemical assays with biological chips," <u>Nature</u> , 364:555-556 (1993)		
PE	Fodor et al., "Light-directed, Spatially Addressable Parallel Chemical Synthesis," <u>Science</u> , 251:767-773 (1991)		
PF	Forman et al., "Thermodynamics of Duplex Formation and Mismatch Discrimination on Photolithographically Synthesized Oligonucleotide Arrays," chapter 13pgs. 206-228 from <i>Molecular Modeling of Nucleic Acids</i> , ACS Symposium Series 682, 4/13-17/97, Leontis et al., eds.		
PG	Frank et al., "Simultaneous Multiple Peptide Synthesis Under Continuous flow Conditions on Cellulose Paper Discs as Segmental Solid Supports," <u>Tetrahedron</u> , 44(19):6031-6040 (1988)		
PH	Frank et al., "Automation of DNA Sequencing Reactions and Related Techniques: A Workstation for Micromanipulation of Liquids," <u>Bio/Technology</u> , 6:1211-1212 (1988)		
PI	Frank et al., "Simultaneous Synthesis and Biological Applications of DNA Fragments: An Efficient and Complete Methodology," <u>Methods in Enzymology</u> , 154:221-250 (1987)		
YS	Frank et al., "Facile and rapid 'spot-synthesis' of large numbers of peptides on membrane sheets," <u>Proc. 21st European Pept. Symp.</u> , Platja D'Oro, Spain, 9/2-8/90.		
PJ	Fuhr et al., "Travelling wave-driven microfabricated electrohydrodynamic pumps for liquids," <u>J. Micromech. Microeng.</u> , 4:217-226 (1994)		
PK	Fuller et al., "Urethane-Protected Amino Acid N-Carboxy Anhydrides and Their Use in Peptide Synthesis," <u>J. Amer. Chem. Soc.</u> , 112(20):7414-7416 (1990)		
PL	Furka et al., "General method for rapid synthesis of multicomponent peptide mixtures," <u>Int. J. Peptide Protein Res.</u> , 37:487-493 (1991)		
PM	Furka et al., "Cornucopia of Peptides by Synthesis," 14th Int.Congress of Biochem. abst.# FR:013, 7/10-15/88 Prague, Czechoslovakia		
PN	Furka et al., "More Peptides by Less Labour," abst. 288, Int. Symp. Med. Chem., Budapest Hungary 8/15-19/88		
PO	Gait, eds., pages 1-115 from <i>Oligonucleotide Synthesis: A Practical Approach</i> , IRL Press, (1984)		
PP	Gazard et al., "Lithographic Technique Using Radiation-Induced Grafting of Acrylic Acid into Poly(Methyl Methacrylate) Films," <u>Polymer Engineering and Science</u> , 20(16):1069-1072 (1980)		
PQ	Gergen et al., "Filter replicas and permanent collections of recombinant DNA plasmids," <u>Nuc. Acids Res.</u> , 7(8):2115-2137 (1979)		
PR	Getzoff et al., "Mechanisms of Antibody Binding to a Protein," <u>Science</u> , 235:1191-1196 (1987)		
PS	Geysen et al., "Strategies for epitope analysis using peptide synthesis," <u>J. Immunol. Meth.</u> , 102:259-274 (1987)		
PT	Geysen et al., "Use of peptide synthesis to probe viral antigens for epitopes to a resolution of a single amino acid," <u>PNAS</u> , 81:3998-4002 (1984)		
PU	Geysen et al., "A synthetic strategy for epitope mapping," from <i>Peptides: Chem. & Biol.</i> , Proc. of 10th Am. Peptide Symp., 5/23-28/87, pp. 519-523, (1987)		
PV	Geysen, "Antigen-antibody interactions at the molecular level: adventures in peptide synthesis," <u>Immunol. Today</u> , 6(12):364-369 (1985)		
PW	Geysen et al., "Cognitive Features of Continuous Antigenic Determinants," from <i>Synthetic Peptides: Approaches to Biological Probes</i> , pp. 19-30, (1989)		
PX	Geysen et al., "Chemistry of Antibody Binding to a Protein," <u>Science</u> , 235:1184-1190 (1987)		
PY	Geysen et al., "The delineation of peptides able to mimic assembled epitopes," 1986 CIBA Symp., pp. 130-149		
PZ	Geysen et al., "Cognitive Features of Continuous Antigenic Determinants," <u>Mol. Recognit.</u> , 1(1):1-10 (1988)		
QA	Geysen et al., "A Prio Ri Delineation of a Peptide Which Mimics A Discontinuous Antigenic Determinant," <u>Mol. Immunol.</u> , 23(7):709-715 (1986)		
QB	Ghosh et al., "Covalent attachment of oligonucleotides to solid supports," <u>Nuc. Acids Res.</u> , 15(13):5353-5373 (1987).		
<u>QC</u>	Gilon et al., "Backbone Cyclization: A New Method for Conferring Conformational Constraint on Peptides," <u>Biopolymers</u> , 31(6):745-750 (1991)		



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STATEMENT (Use several sheets if necessary)			
<u>AM</u> QD	Gingeras et al., "Hybridization properties of immobilized nucleic acids," <u>Nuc. Acids Res.</u> , 15(13):5373-5390 (87)		
QE	Gummerlock et al., "RAS Enzyme-Linked Immunoblot Assay Discriminates p21 Species: A Technique to Dissect Gene Family Expression," <u>Anal. Biochem.</u> , 180:158-168 (1989)		
QF	Gurney et al., "Activation of a potassium current by rapid photochemically generated step increases of intracellular calcium in rat sympathetic neurons," <u>PNAS</u> , 84:3496-3500 (1987)		
QG	Haase et al., "Detection of Two Viral Genomes in Single Cells by Double-Label Hybridization in Situ and Color Microradioautography," <u>Science</u> , 227:189-192 (1985)		
QH	Hacia, et al., "Two color hybridization analysis using high density oligonucleotide arrays and energy transfer dyes," <u>Nuc. Acids Res.</u> , 26(16):3865-3866 (1998)		
QI	Hack, M.L., "Conics Formed to Make Fluid & Industrial Gas Micromachines," <u>Genetic Engineering News</u> , 15(18):1, 29 (1995)		
QJ	Hagedorn et al., "Pumping of Water Solutions in Microfabricated Electrohydrodynamic Systems," from Micro Electro Mechanical Systems conference in Travemunde Germany (1992)		
QK	Hames et al., <u>Nuclear acid hybridization, a practical approach</u> , cover page and table of contents (1985)		
QL	Hanahan et al., "Plasmid Screening at High Colony Density," <u>Meth. Enzymology</u> , 100:333-342 (1983)		
QM	Hanahan et al., "Plasmid screening at high colony density," <u>Gene</u> , 10:63-67 (1980)		
QN	Haridasan et al., "Peptide Synthesis using Photolytically Cleavable 2-Nitrobenzyloxycarbonyl Protecting Group," <u>Proc. Indian Natn. Sci. Acad.</u> , 53A(6):717-728 (1987)		
QO	Harrison et al., "Capillary Electrophoresis and Sample Injection Systems Integrated on a Planar Glass Chip," <u>Anal. Chem.</u> , 64:1926-1932 (1992)		
QP	Harrison et al., "Micromachining a Minaturized Capillary Electrophoresis-Based Chemical Analysis System on a Chip," <u>Science</u> , 261:895-897 (1993)		
QQ	Harrison et al., "Towards minaturized electrophoresis and chemical analysis systems on silicon: an alternative to chemical sensors*," <u>Sensors and Actuators</u> , B10:107-116 (1993)		
QR	Harrison et al., "Rapid separation of fluorescein derivatives using a micromachined capillary electrophoresis system," <u>Analytica Chimica Acta</u> , 283:361-366 (1993)		
QS	Hellberg et al., "Minimum analogue peptide sets (MAPS) for quantitative structure-activity relationships," <u>Int. J. Peptide Protein Res.</u> , 37:414-424 (1991)		
QT	Hilser et al., "Protein and peptide mobility in capillary zone electrophoresis, A comparison of existing models and further analysis," <u>J. Chromatography</u> , 630:329-336 (1993)		
QU	Ho et al., "Highly Stable Biosensor Using an Artificial Enzyme," <u>Anal. Chem.</u> , 59:536-537 (1987)		
QV	Hochgeschwender et al., "Preferential expression of a defined T-cell receptor β -chain gene in hapten-specific cytotoxic T-cell clones," <u>Nature</u> , 322:376-378 (1986)		
QW	Hodgson, J., "Assays A La Photolithography," <u>Biotech.</u> , 9:419 (1991)		
QX	Hodgson et al., "Hybridization probe size control: optimized 'oligolabelling'," <u>Nuc. Acids Res.</u> , 15(15):6295 (1987).		
QY	Hopman et al., "Bi-color detection of two target DNAs by non-radioactive in situ hybridization*," <u>Histochem.</u> , 85:1-4 (1986)		
QZ	Iwamura et al., "1-Pyrenylmethyl Esters, Photolabile Protecting Groups for Carboxylic Acids," <u>Tetrahedron Ltrs.</u> , 28(6):679-682 (1987)		
RA	Iwamura et al., "1-(α -Diazobenzyl)pyrene: A Reagent for Photolabile and Fluorescent Protection of Carboxyl Groups of Amino Acids and Peptides," <u>Synlett</u> , p. 35-36 (1991)		
RB	Jacobson et al., "Effects of Injection Schemes and Column Geometry on the Performance of Microchip Electrophoresis Devices," <u>Anal. Chem.</u> , 66:1107-1113 (1994)		
<u>V</u> RC	Jacobsen et al., "Open Channel Electrochromatography on a Microchip," <u>Anal. chem.</u> , 66:2369-2373 (1994)		

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LIST OF PATENTS AND PUBLICATIONS FOR DISCLOSURE		Applicant: Fodor et al.	
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STATEMENT (Use several sheets if necessary)			
AM RD	Jacobson et al., "Microchip Capillary Electrophoresis with an Integrated Postcolumn Reactor" <u>Anal. Chem.</u> , 66:3472-3476 (1994)		
RE	Jacobson et al., "Precolumn Reactions with Electrophoretic Analysis Integrated on a Microchip," <u>Anal. Chem.</u> , 66:4127-4132 (1994)		
RF	Jacobson et al., "Microfabricated chemical measurement systems," <u>Nature Medicine</u> , 1(10):1093-1096 (1995)		
RG	Jacobsen et al., "Fused Quartz Substrates for Microchip Electrophoresis," <u>Anal. chem.</u> , 67:2059-2063 (1995)		
RH	Jacobson et al., "High-Speed Separations on a Microchip," <u>Anal. Chem.</u> , 66:1114-1118 (1994)		
RI	Jacobson et al., "Microchip electrophoresis with sample stacking," <u>Electrophoresis</u> , 16:481-486 (1995)		
RJ	Jayakumari, "Peptide synthesis in a triphasic medium catalysed by papain immobilized on a crosslinked polystyrene support," <u>Indian J. Chemistry</u> , 29B:514-517 (1990)		
RK	Jovin et al., "Luminescence Digital Imaging Microscopy," <u>Ann. Rev. Biophys. Biophys. Chem.</u> , 18:271-308 (1989).		
RL	Kafatos et al., "Determination of nucleic acid sequence homologies and relative concentrations by a dot hybridization procedure," <u>Nuc. Acids Res.</u> , 7(6):1541-1553 (1979).		
RM	Kaiser et al., "Peptide and Protein Synthesis by Segment Synthesis-Condensation," <u>Science</u> , 243:187-192 (1989)		
RN	Kaplan et al., "Photolabile chelators for the rapid photorelease of divalent cations," <u>PNAS</u> , 85:6571-6575 (1988)		
RO	Karube, "Micro-biosensors based on silicon fabrication technology," chapter 25 from <u>Biosensors: Fundamentals and Applications</u> , Turner et al., eds., Oxford Publ., 1987, pgs. 471-480 (1987)		
RP	Kates et al., "A Novel, Convenient, Three-dimensional Orthogonal Strategy for Solid-Phase Synthesis of Cyclic Peptides 1-3," <u>Tetrahed. Letters</u> , 34(10):1549-1552 (1993)		
RQ	Kerkof et al., "A Procedure for Making Simultaneous Determinations of the Relative Levels of Gene Transcripts in Tissues or Cells," <u>Anal. Biochem.</u> , 188:349-355 (1990)		
RR	Khrapko et al., "An Oligonucleotide hybridization approach to DNA sequencing," <u>FEBS Lett.</u> , 256(1,2):118-122 (1989)		
RS	Khrapko et al., "A method for DNA sequencing by hybridization with oligonucleotide matrix," <u>DNA Seq. Map.</u> , 1:375-388 (1991).		
RT	Kidd et al., " α_1 -Antitrypsin deficiency detection by direct analysis of the mutation in the gene," <u>Nature</u> , 304:230-234 (1983).		
RU	Kievits et al., "Rapid subchromosomal localization of cosmid by nonradioactive in situ hybridization," <u>Cytogenetics Cell Genetics</u> , 53(2-3):134-136 (1990)		
RV	Kimura et al., "An Immobilized Enzyme Membrane Fabrication Method using an Ink Jet Nozzle," <u>Biosensors</u> , 4:41-52 (1988)		
RW	Kimura et al., "An Integrated SOS/FET Multi-Biosensor," <u>Sensors & Actuators</u> , 9:373-387 (1986)		
RX	Kitazawa et al., "In situ DNA-RNA hybridization using in vivo bromodeoxyuridine-labeled DNA probe," <u>Histochemistry</u> , 92:195-199 (1989)		
RY	Kleinfeld et al., "Controlled Outgrowth of Dissociated Neurons on Patterned Substrates," <u>J. Neurosci.</u> , 8(11):4098-4120 (1988)		
RZ	Knight, P., "Materials and Methods/Microsequencers for Proteins and Oligosaccharides," <u>Bio/Tech.</u> , 7:1075-76 (1989)		
SA	Kohara et al., "The Physical Map of the Whole E. coli Chromosome: Application of a New Strategy for Rapid Analysis and Sorting of a Large Genomic Library," <u>Cell</u> , 50:495-508 (1987)		
SB	Krile et al., "Multiplex holography with chirp-modulated binary phase-coded reference-beam masks," <u>Applied Opt.</u> , 18(1):52-56 (1979)		
SC	Labat, I., "Subfragments as an informative characteristic of the DNA molecule - computer simulation," research report submitted to the University of Belgrade College of Natural Sciences and Mathematics, (1988)		



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LIST OF PATENTS AND PUBLICATIONS FOR		Applicant: Fodor et al.	
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STATEMENT (Use several sheets if necessary)			
Am SD	Lander et al., "Genomic Mapping by Fingerprinting Random Clones: A Mathematical Analysis," <u>Genomics</u> , 2:231-239 (1988).		
SE	Lainer et al., "Human Lymphocyte Subpopulations Identified by Using Three-Color Immunofluorescence and Flow Cytometry Analysis: Correlation of Leu-2, Leu-3, Leu-7, Leu-8, and Leu-11 Cell Surface Antigen Expression," <u>Journal of Immunology</u> , 132(1):151-156 (1984)		
SF	Lam et al., "A new type of synthetic peptide library for identifying ligand-binding activity," <u>Nature</u> , 354:82-84 (1991)		
SG	Laskey et al., "Messenger RNA prevalence in sea urchin embryos measured with cloned cDNAs," <u>PNAS</u> , 77(9):5317-5321 (1980)		
SH	Lee et al., "synthesis of a Polymer Surface Containing Covalently Attached Triethoxysilane Functionality: Adhesion to Glass," <u>Macromolecules</u> , 21:3353-3356 (1988)		
SI	Lehrach et al., "Labelling oligonucleotides to high specific activity (I)," <u>Nuc. Acids Res.</u> , 17(12):4605-4610 (89)		
SJ	Lehrach et al., "Phage Vectors - EMBL Series," <u>Meth. Enzymology</u> , 153:103-115 (1987)		
SK	Lehrach et al., "Hybridization Fingerprinting in Genome Mapping and Sequencing," <u>Genome Analysis Volume 1: Genetic and Physical Mapping</u> , Cold Spring Harbor Laboratory Press, pages 39-81 (1990).		
SL	Levy, M.F., "Preparing Additive Printed Circuits," <u>IBM Tech. Discl. Bull.</u> , 9(11):1473 (1967)		
SM	Lewin, Benjamin, eds., <u>Genes</u> , third edition, John Wiley & Sons, cover page, preface and table of contents, (1987).		
SN	Lichter et al., "High-Resolution Mapping of Human Chromosome 11 by in Situ hybridization with Cosmid Clones," <u>Science</u> , 247:64-69 (1990)		
SO	Lichter et al., "Fluorescence <i>in situ</i> hybridization with <i>Alu</i> and L1 polymerase chain reaction probes for rapid characterization of human chromosomes in hybrid cell lines," <u>PNAS</u> , 87:6634-6638 (1990)		
SP	Lichter et al., "Rapid detection of human chromosome 21 aberrations by <i>in situ</i> hybridization," <u>PNAS</u> , 85:9664-9668 (1988)		
SQ	Lichter et al., "Is non-isotopic <i>in situ</i> hybridization finally coming of age," <u>Nature</u> , 345:93-94 (1990)		
SR	Lieberman et al., "A Light source Smaller Than the Optical Wavelength," <u>Science</u> , 247:59-61 (1990)		
SS	Lipshutz et al., "Using Oligonucleotide Probe Arrays To Access Genetic Diversity," <u>BioTech.</u> , 19(3):442-7 (1995)		
ST	Little, P., "Clone maps made simple," <u>Nature</u> , 346:611-612 (1990).		
SU	Liu et al., "Sequential Injection Analysis in Capillary Format with an Electroosmotic Pump," <u>Talanta</u> , 41(11):1903-1910 (1994)		
SV	Lockhart et al., "Expression monitoring by hybridization to high-density oligonucleotide arrays," <u>Nat. Biotech.</u> , 14:1675-1680 (1996)		
SW	Logue et al., "General Approaches to Mask Design for Binary Optics," <u>SPIE</u> , 1052:19-24 (1989)		
SX	Loken et al., "three-color Immunofluorescence Analysis of Leu Antigens on Human Peripheral Blood Using Two Lasers on a Fluorescence-Activated Cell Sorter," <u>Cytoetry</u> , 5:151-158 (1984)		
SY	Love et al., "Screening of λ Library for Differentially Expressed Genes Using <i>in Vitro</i> Transcripts," <u>Anal. Biochem.</u> , 150:429-441 (1985)		
SZ	Lowe, C.R., "Biosensors," <u>Trends in Biotech.</u> , 2:59-65 (1984)		
TA	Lowe, C.R., "An Introduction to the Concepts and Technology of Biosensors," <u>Biosensors</u> , 1:3-16 (1985)		
TB	Lowe, C. R., <u>Biotechnology and Crop Improvement and Protection</u> , BCPC Publications, pp. 131-138 (1986)		
TC	Lowe et al., "Solid-Phase Optoelectronic Biosensors," <u>Methods in Enzymology</u> , 137:338-347 (1988)		
TD	Lowe, C.R., "Biosensors," <u>Phil. Tran. R. Soc. Lond.</u> , 324:487-496 (1989)		
TE	Lu et al., "Differential screening of murine ascites cDNA libraries by means of in vitro transcripts of cell-cycle-phase-specific cDNA and digital image processing," <u>Gene</u> , 86:185-192 (1990)		
TF	Luo, J. et al., "Improving the fidelity of <i>Thermus thermophilus</i> DNA ligase," <u>Nuc. Acids Res.</u> , 24(14):3071-3078 (1996).		

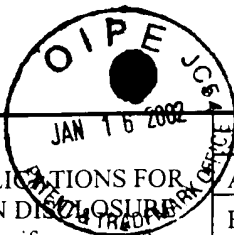
FORM PTO-1449 (Modified)		Attorney Docket No.: 18547-036750US	Application No.: 09/724,928
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		Group: <u>Unassigned 1631</u>	
<u>AM</u> TG	Lysov et al., "A new method for determining the DNA nucleotide sequence by hybridization with oligonucleotides," <u>Doklady Biochem.</u> , 303(1-6):436-438 (1989)		
TH	Lysov et al., "DNA Sequencing by Oligonucleotide Hybridization," First International Conference on Electrophoresis, Supercomputing and the Human Genome, 4/10-13/90 p.157		
TI	MacDonald et al., "A Rapid ELISA for Measuring Insulin in a Large Number of Research Samples," <u>Metabolism</u> , 38(5):450-452 (1989)		
TJ	Mairanovsky, V.G., "Electro-Deprotection- Electrochemical Removal of Protecting Groups**," <u>Agnew. Chem. Int. Ed. Engl.</u> , 15(5):281-292 (1976)		
TK	Manz et al., "Miniaturized Total Chemical Analysis Systems: a Novel Concept for Chemical Sensing," <u>Sensors and Actuators</u> , B1:244-248 (1990)		
TL	Manz et al., "Micromachining of monocrystalline silicon and glass for chemical analysis systems, A look into next century's technology or just a fashionable craze?," <u>Trends in Analytical Chem.</u> , 10(5):144-149 (1991)		
TM	Manz et al., "Planar chips technology for minaturization and integration of separation techniques into monitoring systems, Capillary electrophoresis on a chip," <u>J. Chromatography</u> , 593:253-258 (1992)		
TN	Manz et al., "Planar Chips Technology for Miniaturization of Separation Systems: A Developing Perspective in Chemical Monitoring," chapter 1, 1-64 (1993)		
TO	Manz et al., "Electroosmotic pumping and electrophoretic separations for minaturized chemical analysis systems," <u>J. Micromech. Microeng.</u> , 4:257-265 (1994)		
TP	Masiakowski et al., "Cloning of cDNA sequences of hormone-regulated genes from the MCF-7 human breast cancer cell line," <u>Nuc. Acids Res.</u> , 10(24):7895-7903 (1982)		
TQ	Matsumoto et al., "Preliminary Investigation of Micropumping Based on Electrical Control of Interfacial Tension," <u>IEEE</u> , pgs. 105-110 (1990)		
TR	Matsuzawa et al., "Containment and growth of neuroblastoma cells on chemically patterned substrates," <u>J. Neurosci. Meth.</u> , 50:253-260 (1993)		
TS	Matthes et al., "Simultaneous rapid chemical synthesis of over one hundred oligonucleotides on a microscale," <u>EMBO J.</u> , 3(4):801-805 (1984).		
TT	McCray et al., "Properties and Uses of Photoreactive Caged Compounds," <u>Ann. Rev. Biophys. Biophys. Chem.</u> , 18:239-270 (1989)		
TU	McGall et al., "The Efficiency of Light-Directed Synthesis of DNA Arrays on Glass Substrates," <u>J. American Chem. Soc.</u> , 119(22):5081-5090 (1997)		
TV	McGillis, VLSI Technology, Sze, eds., Chapter 7, "Lithography," pp. 267-301 (1983)		
TW	McMurray, J.S., "Solid Phase Synthesis of a Cyclic Peptide Using Fmoc Chemistry," <u>Tetrahedron Letters</u> , 32(52):7679-7682 (1991)		
TX	Meinkoth et al., "Review: Hybridization of Nucleic Acids Immobilized on solid Supports," <u>Analytical Biochem.</u> , 138:267-284 (1984)		
TY	Melcher et al., "Traveling-Wave Bulk Electroconvection Induced across a Temperature Gradient," <u>Physics of Fluids</u> , 10(6):1178-1185 (1967)		
TZ	Merrifield, R.B., "Solid Phase peptide Synthesis. I. The Synthesis of a Tetrapeptide," <u>J. Am. Chem. Soc.</u> , 85:2149-2154 (1963)		
UA	Michiels et al., "Molecular approaches to genome analysis: a strategy for the construction of ordered overlapping clone libraries," <u>CABIOS</u> , 3(3):203-10 (1987)		
UB	Mirzabekov, A.D., "DNA sequencing by hybridization - a megasequencing method and a diagnostic tool?," <u>TIBTECH</u> , 12:27-32 (1994)		
UC	Miyada et al., "Oligonucleotide Hybridization Techniques," <u>Meth. Enzymology</u> , 154:94-107 (1987).		
UD	Monaco et al., "Human Genome Linking with Cosmids and Yeast Artificial Chromosomes", abstract from CSHS, pg. 50, (1989)		
<u>✓</u> UE	Morita et al., "Direct pattern fabrication on silicone resin by vapor phase electron beam polymerization," <u>J. Vac. Sci. Technol.</u> , B1(4):1171-1173 (1983)		

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AM	UF	Morrison et al., "Solution-Phase Detection of Polynucleotides Using Interacting Fluorescent Labels and Competitive Hybridization," <u>Anal. Biochem.</u> , 183:231-244 (1989)
	UG	Munegumi et al., "thermal Synthesis of Polypeptides from N-Boc-Amino Acid (Aspartic Acid, β -Aminoglutaric Acid) Anhydrides," <u>Chem. Letters</u> , pgs. 1643-1646 (1988)
	UH	Mutter et al., "Impact of Conformation on the Synthetic Strategies for Peptide Sequences," pgs. 217-228 from <u>Chemistry of Peptides and Proteins, Vol. 1, Proceedings of the Third USSR-FRG Symp., in USSR</u> (1982)
	UI	Nakamori et al., "A Simple and Useful Method for Simultaneous Screening of Elevated Levels of Expression of a Variety of Oncogenes in Malignant Cells," <u>Jpn. J. Cancer Res.</u> , 79:1311-1317 (1988)
	UJ	Nederlof et al., "Multiple Fluorescence In Situ Hybridization," <u>Cytometry</u> , 11:126-131 (1990)
	UK	Nederlof et al., "Three-Color Fluorescence In Situ Hybridization for the Simultaneous Detection of Multiple Nucleic Acid Sequences," <u>Cytometry</u> , 10:20-27 (1989).
	UL	Nizetic et al., "An improved bacterial colony lysis procedure enables direct DNA hybridisation using short (10, 11 bases) oligonucleotides to cosmids," <u>Nuc. Acids Res.</u> , 19(1):182 (1990).
	UM	Nizetic et al., "Construction, arraying, and high-density screening of large insert libraries of human chromosomes X and 21: their potential use as reference libraries," <u>PNAS</u> , 88:3233-3237 (1991).
	UN	Nyborg, W., "Acoustic Streaming," chapter 11 pgs. 265-329 from <u>Physical Acoustics, Principles and Methods</u> , Mason, eds., vol. II, part B, Academic Press, New York and London (1965)
	UO	Ocvirk et al., "High Performance Liquid Chromatography Partially Integrated onto a Silicon Chip," <u>Analyt. Meth. Instrumentation</u> , 2(2):74-82 (1995)
	UP	Ohtsuka et al., "Studies on transfer ribonucleic acids and related compounds. IX Ribonucleic oligonucleotide synthesis using a photosensitive 0-nitrobenzyl protection at the 2' -hydroxyl group," <u>Nuc.Acids.Res.</u> , 1(10):1351-1357 (1974)
	UQ	Olefirowicz et al., "Capillary Electrophoresis for Sampling Single Nerve Cells," <u>Chimia</u> , 45(4):106-108 (1991)
	UR	Olson et al., "Random-clone strategy for genomic restriction mapping in yeast," <u>PNAS</u> , 83:7826-7830 (1986).
	US	Patchornik et al., "Photosensitive Protecting Groups," <u>J.Am.Chem.Soc.</u> , 92(21):6333-6335 (1970)
	UT	Patent Abstracts of Japan from EPO, Abst. 13:557, JP 1-233 447 (1989)
	UU	Pease et al., "Light-generated oligonucleotide arrays for rapid DNA sequence analysis," <u>PNAS</u> , 91:5022-26 (1994)
	UV	Pevzner, P.A., "DNA Physical Mapping and Alternating Eulerian Cycles in Colored Graphs," <u>Algorithmica</u> , 13(1-2):77-105 (1995).
	UW	Pevzner et al., "Multiple Filtration and Approximate Pattern Matching," <u>Algorithmica</u> , 13(1-2):135-154 (1995).
	UX	Pevzner et al., "Generalized Sequence Alignment and Duality," <u>Adv. Applied Math.</u> , 14:139-171 (1993).
	UY	Pevzner, P.A., "1-Tuple DNA Sequencing: Computer Analysis," <u>J. Biomol. Struct. Dynam.</u> , 7(1):63-69 (1989)
	UZ	Pfahler et al., "Liquid Transport in Micron and Submicron Channels," <u>Sensors and Actuators</u> , A21-A23:431-4 (90)
	VA	Pfeifer et al., "Genomic Sequencing and Methylation Analysis by Ligation Mediated PCR," <u>Science</u> , 246:810-813 (1989).
	VB	Pidgeon et al., "Immobilized Artificial Membrane Chromatography: Supports Composed of Membrane Lipids," <u>Anal. Biochem.</u> , 176:36-47 (89)
	VC	Pillai, V.N., "Photoremovable Protecting Groups in Organic Synthesis," <u>Synthesis</u> , pgs. 1-26 (1980)
	VD	Pillai et al., "3-Nitro-4-Aminomethylbenzoyl-derivate von Polyethylenglykolen: Eine neue Klasse von Photosensitiven loslichen Polymeren Trägern zur Synthese von C-terminalen Peptidamiden," <u>Tetrah. Ltr.</u> , # 36 p. 3409-3412 (1979)
	VE	Pillai et al., "Synthetic Hydrophilic Polymers, Biomedical and Chemical Applications," <u>Naturwissenschaften</u> , 68:558-566 (1981)
✓	VF	Pirrung et al., "Proofing of Photolithographic DNA Synthesis with 3'.5'-Dimethoxybenzoinyloxycarbonyl-Protected Deoxynucleoside Phosphoramidites," <u>J. Org. Chem.</u> , 63(2):241-246 (1998)

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AM VG	Pirrung et al., "Comparison of Methods for Photochemical Phosphoramidite-Based DNA Synthesis," <u>J. Org. Chem.</u> , 60:6270-6276 (1995)		
VH	Ploax et al., "Cyclization of peptides on a solid support," <u>Int. J. Peptide Protein Research</u> , 29:162-169 (1987)		
VI	Polsky-Cynkin et al., "Use of DNA Immobilized on Plastic and Agarose Supports to Detect DNA by Sandwich Hybridization," <u>Clin. Chem.</u> , 31(9):1428-1443 (1985)		
VJ	Poustka et al., "Molecular Approaches to Mammalian Genetics," Cold Spring Harbor Symposia on Quantitative Biology, 51:131-139 (1986)		
VK	Purushothaman et al., "Synthesis of 4,5-diarylimidazoline-2-thiones and their photoconversion to bis(4,5-diarylimidazol-2-yl) sulphides," <u>Ind. J. Chem.</u> , 29B:18-21 (1990)		
VL	Quesada et al., "High-Sensitivity DNA Detection with a Laser-Exited Confocal Fluorescence Gel Scanner," <u>Biotechniques</u> , 10:616 (1991)		
VM	Reichmanis et al., <u>J. Polymer Sci. Polymer Chem. Edition</u> , 23:1-8 (1985)		
VN	Renz et al., "A colorimetric method for DNA hybridization," <u>Nuc. Acids Res.</u> , 12(8):3435-3445 (1984).		
VO	Richter et al., "An Electrohydrodynamic Micropump," <u>IEEE</u> , pgs. 99-104 (1990)		
VP	Richter et al., "Electrohydrodynamic Pumping and Flow Measurement," <u>IEEE</u> , pgs. 271-276 (1991)		
VQ	Richter et al., "A Micromachined electrohydrodynamic (EHD) pump," <u>Sensors and Actuators</u> , A29:159-168 (91)		
VR	Robertson et al., "A General and Efficient Route for Chemical Aminoacylation of Transfer RNAs," <u>J. Am. Chem. Soc.</u> , 113:2722-2729 (1991).		
VS	Rodda et al., "The Antibody Response to Myoglobin-I. Systematic Synthesis of Myoglobin Peptides Reveals Location and Substructure of Species-Dependent Continuous Antigenic Determinants," <u>Mol. Immunol.</u> , 23(6):603-610 (1986)		
VT	Rodgers, R.P., "Data Processing of Immunoassay Results," Manual of Clin. Lab. Immunol., 3rd ed., ch. 15, pgs. 82-87 (1986)		
VU	Rose, D.J., "Free-solution reactor for post-column fluorescence detection in capillary zone electrophoresis," <u>J. Chromatography</u> , 540:343-353 (1991)		
VV	Rovero et al., "Synthesis of Cyclic Peptides on solid Support," <u>Tetrahed. Letters</u> , 32(23):2639-2642 (1991)		
VW	Sambrook, Molecular Cloning - A Laboratory Manual, publ. in 1989 1989		
VX	Saiki et al., "Genetic analysis of amplified DNA with immobilized sequence-specific oligonucleotide probes," <u>PNAS</u> , 86:6230-6234 (1989)		
VY	Saiki et al., "Analysis of enzymatically amplified β -globin and HLA-DQ α DNA with Allele-specific oligonucleotide probes," <u>Nature</u> , 324:163-166 (1986)		
VZ	Schafer et al., "DNA fingerprinting using non-radioactive oligonucleotide probes specific for simple repeats," <u>Nuc. Acids Res.</u> , 16(19):9344 (1988).		
WA	Scharf et al., "HLA class II allelic variation and susceptibility to pemphigus vulgaris," <u>PNAS</u> , 85(10):3504-3508 (1988)		
WB	Skena et al., "Parallel human genome analysis: Microarray-based expression monitoring of 1000 genes," <u>PNAS</u> , 93:10614-10619 (1996).		
WC	Schuup et al., "Mechanistic Studies of the Photorearrangement of o-Nitrobenzyl Esters," <u>J. Photochem.</u> , 36:85-97 (1987)		
WD	Seed, B., "Diazotizable arylamine cellulose papers for the coupling and hybridization of nucleic acids," <u>Nuc. Acids Res.</u> , 10(5):1799-1810 (1982).		
WE	Seiler et al., "Planar Glass Chips for Capillary Electrophoresis: Repetitive Sample Injection, Quantitation, and Separation Efficiency," <u>Anal. Chem.</u> , 65:1481-1488 (1993)		
WF	Seller et al., "Electroosmotic Pumping and Valveless Control of Fluid Flow within a Manifold of Capillaries on a Glass Chip," <u>Anal. Chem.</u> , 66:3485-3491 (1994)		

FORM PTO-1449 (Modified)		JAN 16 2002	Attorney Docket No.: 18547-036750US	Application No.: 09/724,928
LIST OF PATENTS AND PUBLICATIONS FOR		Applicant: Fodor et al.		
APPLICANT'S INFORMATION		Filing Date: November 28, 2000		Group: Unassigned 1631
STATEMENT (Use several sheets if necessary)				
AM	WG	Semmelhack et al., "Selective Removal of Protecting Groups Using Controlled Potential Electrolysis," <u>J. Am. Chem. Society</u> , 94(14):5139-5140 (1972)		
	WH	Sheldon et al., "Matrix DNA Hybridization," <u>Clinical Chemistry</u> , 39(4):718-719 (1993)		
	WI	Shin et al., "Dehydrooligonopeptides. XI. Facile Synthesis of Various Kinds of Dehydrodi- and tripeptides, and Dehydroenkephalins Containing Tyr Residue by Using <i>N</i> -Carboxydehydrotyrosine Anhydride," <u>Bull. Chem. Soc. Jpn.</u> , 62:1127-1135 (1989)		
	WJ	Sim et al., "Use of a cDNA Library for Studies on Evolution and Developmental Expression of the Chorion Multigene Families," <u>Cell</u> , 18:1303-1316 (1979)		
	WK	Smith et al., "A Novel Method for Delineating Antigenic Determinants: Peptide Synthesis and Radioimmunoassay Using the Same Solid Support," <u>Immunochemistry</u> , 14:565-568 (1977)		
	WL	Sofia, M.J., "Carbohydrate-based combinatorial libraries," <u>Molecular Diversity</u> , 3:75-94 (1998).		
	WM	Southern et al., "Report on the Sequencing by Hybridization Workshop," <u>Genomics</u> , 13:1378-1383 (1992)		
	WN	Southern et al., "Oligonucleotide hybridisations on glass supports: a novel linker for oligonucleotide synthesis and hybridization properties of oligonucleotides synthesized <i>in situ</i> ," <u>Nuc. Acids Res.</u> , 20(7):1679-1684 (1992)		
	WO	Southern et al., "Analyzing and Comparing Nucleic Acid Sequences by Hybridization to Arrays of Oligonucleotides: Evaluation Using Experimental Models," <u>Genomics</u> , 13:1008-10017 (1992).		
	WP	Southern, E.M., "Detection of Specific Sequences Among DNA Fragments Separated by Gel Electrophoresis," <u>J. Mol. Biol.</u> , 98:503-517 (1975).		
	YT	Southern et al., "Parallel synthesis and analysis of large numbers of related chemical compounds: applications to oligonucleotides," <u>J. Biotechnology</u>, 35:217-227 (1994).		
	WQ	Stemme et al., "A valveless diffuser/nozzle-based fluid pump," <u>Sensors and Actuators</u> , A39:159-167 (1993)		
	WR	Stryer, L., "DNA Probes and Genes Can be Synthesized by Automated Solid-Phase Methods," from <i>Biochemistry</i> , Third Edition, published by W.H. Freeman & Co., (1988)		
	WS	Stuber et al., "Synthesis and photolytic cleavage of bovine insulin B22-30 on a nitrobenzoylglycyl-poly (ethylene glycol) support," <u>Int. J. Peptide Protein Res.</u> , 22(3):277-283 (1984)		
	WT	Sundberg et al., "Spatially-Addressable Immobilization of Macromolecules on Solid Supports," <u>J. Am. Chem. Soc.</u> , 117(49):12050-12057 (1995)		
	WU	Swedberg, S.A., "Use of non-ionic and zwitterionic surfactants to enhance selectivity in high-performance capillary electrophoresis, An apparent micellar electrokinetic capillary chromatography mechanism," <u>J. Chromatography</u> , 503:449-452 (1990)		
	WV	Thomas, P.S., "Hybridization of denatured RNA and small DNA fragments transferred to nitrocellulose," <u>PNAS</u> , 77(9):5201-5205 (1980).		
	WW	Titus et al., "Texas Red, a Hydrophilic, red-emitting fluorophore for use with fluorescein in dual parameter flow microfluorometric and fluorescence microscopic studies," <u>J. Immunol. Meth.</u> , 50:193-204 (1982)		
	WX	Tkachuk et al., "Detection of <i>bcr-abl</i> Fusion in chronic Myelogeneous Leukemia by in situ Hybridization," <u>Science</u> , 250:559-562 (90)		
	WY	Trzeciak et al., "Synthesis of 'Head-to-Tail' Cyclized Peptides on Solid Support by Fmoc Chemistry," <u>Tetrahed. Letters</u> , 33(32):4557-4560 (1992)		
	WZ	Tsien et al., "Control of Cytoplasmic Calcium with Photolabile Tetracarboxylate 2-Nitrobenzhydryl Chelators," <u>Biophys. J.</u> , 50:843-853 (1986)		
	XA	Tsutsumi et al., "Expression of L- and M- Type Pyruvate Kinase in Human Tissues," <u>Genomics</u> , 2:86-89 (1988)		
	XB	Turchinskii et al., "Multiple Hybridization in Genome Analysis, Reaction of Diamines and Bisulfate with Cytosine for Introduction of Nonradioactive labels Into DNA," <u>Molecular Biology</u> , 22:1229-1235 (1988)		
	XC	Turner et al., "Photochemical Activation of Acylated α -Thrombin," <u>J. Am. Chem. Soc.</u> , 109:1274-1275 (1987)		
✓	XD	Urdea et al., "A novel method for the rapid detection of specific nucleotide sequences in crude biological samples without blotting or radioactivity; application to the analysis of hepatitis B virus in human serum," <u>Gene</u> , 61:253-264 (1987)		



FORM PTO-1449 (Modified)		Attorney Docket No.: 18547-036750US	Application No.: 09/724,928
LIST OF PATENTS AND PUBLICATIONS FOR		Applicant: Fodor et al.	
APPLICANT'S INFORMATION DISCLOSURE		Filing Date: November 28, 2000	Group: Unassigned 1631
STATEMENT (Use several sheets if necessary)			
<u>AM</u> XE	Urdea et al., "A comparison of non-radioisotopic hybridization assay methods using fluorescent, chemiluminescent and enzyme labeled synthetic oligodeoxyribonucleotide probes," <u>Nuc. Acids Res.</u> , 16(11):4937-4956 (1988)		
XF	Van der Voort et al., "Design and Use of a Computer Controlled Confocal Microscope for Biological Applications," <u>Scanning</u> , 7(2):66-78 (1985)		
NG	Van Hijfte et al., "Intramolecular 1,3-Diyl Trapping Reactions. A Formal Total Synthesis of -Coriolin," <u>J. Organic Chemistry</u> , 50:3942-3944 (1985)		
XH	Veldkamp, W.B., "Binary optics: the optics technology of the 1990s," <u>CLEO 90</u> , Vol. 7, paper # CMG6 (1990)		
XI	Verlaan-de Vries et al., "A dot-blot screening procedure for mutated <i>ras</i> oncogenes using synthetic oligodeoxynucleotides," <u>Gene</u> , 50:313-320 (1986)		
XJ	Verpoorte et al., "Three-dimensional micro flow manifolds for miniaturized chemical analysis systems," <u>J. Micromech. Microeng.</u> , 4:246-256 (1994)		
XK	Volkmut et al., "DNA electrophoresis in microlithographic arrays," <u>Nature</u> , 358:600-602 (1992)		
XL	Voss et al., "The immobilization of oligonucleotides and their hybridization properties," <u>Biochem. Soc. Transact.</u> , 16:216-217 (1988)		
XM	Wada, A., <i>International Workshop on Automatic and High Speed DNA Base Sequencing</i> , Hayashibara Forum 1987 at Hayashibara Biochemical Laboratories, Okayama, Japan, July 7-9, 1987.		
XN	Walker et al., "Photolabile Protecting Groups for an Acetylcholine Receptor Ligand. Synthesis and Photochemistry of a New Class of o-Nitrobenzyl Derivatives and their Effects on Receptor Function," <u>Biochemistry</u> , 25:1799-1805 (1986)		
XO	Wallace et al., "The use of synthetic oligonucleotides as hybridization probes. II. Hybridization of oligonucleotides of mixed sequence to rabbit β -globin DNA," <u>Nuc. Acids Res.</u> , 9(4):879 (1981).		
XP	Wallace et al., "Hybridization of synthetic oligodeoxyribonucleotides to $\Phi\chi$ 174 DNA: the effect of single base pair mismatch," <u>Nuc. Acids Res.</u> , 11(6):3543-3557 (1979)		
XQ	Washizu et al., "Handling Biological Cells Using a Fluid Integrated Circuit," <u>IEEE Transactions Industry Applications</u> , 26(2):352-358 (1990)		
XR	Wiedmann, M. et al., "Ligase Chain Reaction (LCR) - Overview and Applications," <u>PCR Meth. Appl.</u> , 3(4):S51-S64 (1994).		
XS	Werner et al., "Size-Dependent Separation of Proteins Denatured in SDS by Capillary Electrophoresis Using a Replaceable Sieving Matrix," <u>Anal. Biochem.</u> , 212:253-258 (1993)		
XT	White et al., "An Evaluation of Confocal Versus Conventional Imaging of Biological Structures by Fluorescence Light Microscopy," <u>J. Cell Biol.</u> , 105(1):41-48 (1987)		
XU	Widacki et al., "Biochemical Differences in Qa-2 Antigens Expressed by Qa-2+,6+ and Qa-2+,6- Strains. Evidence for Differential Expression of the Q7 and Q9 Genes," <u>Mol. Immunology</u> , 27(6):559-570 (1990)		
XV	Wilcox et al., "Synthesis of Photolabile 'Precursors' of Amino Acid Neurotransmitters," <u>J. Org. Chem.</u> , 55:1585-1589 (1990)		
XW	Wilding et al., "PCR in a Silicon Microstructure," <u>Clin. Chem.</u> , 40(9):1815-1818 (1994)		
XX	Wilding et al., "Manipulation and Flow of Biological Fluids in Straight Channels Micromachined in Silicon," <u>Clin. Chem.</u> , 40(1):43-47 (1994)		
XY	Wittman-Liebold, eds., <i>Methods in Protein Sequence Analysis</i> , from Proceedings of 7th Int'l Conf., Berlin, Germany, 7/3-8/88, table of contents, pp. xi-xx* (1989)		
XZ	Wood et al., "Base composition-independent hybridization in tetramethylammonium chloride: A method for oligonucleotide screening of highly complex gene libraries," <u>PNAS</u> , 82:1585-1588 (1985).		
YA	Woolley et al., "Ultra-high-speed DNA fragment separations using microfabricated capillary array electrophoresis chips," <u>PNAS</u> , 91:11348-11352 (1994)		
<u>V</u> YB	Wu et al., "Synthesis and Properties of Adenosine-5'-triphospho- γ -5-(5-sulfonic acid)naphthyl Ethylamidate: A Fluorescent Nucleotide Substrate for DNA-Dependent RNA Polymerase from <i>Escherichia coli</i> ," <u>Arch. Biochem. Biophys.</u> , 246(2):564-571 (1986)		

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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Fodor et al.		Filing Date: November 28, 2000	
				Group: Unassigned 1631	
Am	YC	Wu et al., "Laboratory Methods, Direct Analysis of Single Nucleotide Variation in Human DNA and RNA Using <i>In Situ</i> Dot Hybridization," <u>DNA</u> , 8(2):135-142 (1989)			
	YD	Yamamoto et al., "Features and applications of the laser scanning microscope," <u>J. Mod. Optics</u> , 37(11):1691-1701 (1990)			
	YE	Yarbrough et al., "Synthesis and Properties of Fluorescent Nucleotide Substrates for DNA-dependent RNA Polymerases," <u>J. Biol. Chem.</u> , 254(23):12069-12073 (1979)			
	YF	Yosomiya et al., "Performance, Glass fiber Having Isocyanate Group on the Surface. Preparation and Reaction with Amino Acid," <u>Polymer Bulletin</u> , 12:41-48 (1984)			
	YG	Young, W.S., "Simultaneous Use of Digoxigenin- and Radiolabeled Oligodeoxyribonucleotide Probes for Hybridization Histochemistry," <u>Neuropeptides</u> , 13:271-275 (1989)			
	YH	Yue et al., "Miniature Field-Flow Fractionation System for Analysis of Blood Cells," <u>Clin. Chem.</u> , 40(9):1810-1814 (1994)			
	YI	Zehavi et al., "Light-Sensitive Glycosides. I. 6-Nitroveratryl β -D-Glucopyranoside and 2-Nitrobenzyl β -D-Glucopyranoside," <u>J. Org. Chem.</u> , 37(14):2281-2285 (1972)			
	YJ	Zengerle et al., "Transient measurements on miniaturized diaphragm pumps in microfluid systems," <u>Sensors and Actuators</u> , A46-47:557-561 (1995)			
	YK	Zischler et al., "Non-radioactive oligonucleotide fingerprinting in the gel," <u>Nuc. Acids Res.</u> , 17(11):4411 (1989).			
	YL	Zischler et al., "Digoxigenated oligonucleotide probes specific for simple repeats in DAN fingerprinting and hybridization in situ," <u>Hum. Genet.</u> , 82:227-233 (1989).			
EXAMINER		Arden Mansley		DATE CONSIDERED	1/9/03

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